

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (cancelled).

Claim 10 (new) An apparatus for the measurement of the temperature of a mold wall of an injection mold comprises a sensor body having an orifice which terminates at an external wall of the sensor body, at least one measurement element disposed in the orifice and extends to the external wall of the sensor body, and a crimping means adjacent the sensor body for firmly clamping the at least one measurement element in the sensor body.

Claim 11 (new): The apparatus as claimed in claim 10, wherein an equalizing line is arranged in the crimping means such that the measurement element projects from the equalizing line into the sensor body.

Claim 12 (new): The apparatus as claimed in claim 11, wherein the equalizing line has external insulation.

Claim 13 (new): The apparatus as claimed in claim 11, wherein an extraction thread is adjacent to the crimping means.

Claim 14 (new): A method for producing an apparatus for the measurement of the temperature of a mold wall of an injection mold wherein the apparatus comprises a sensor body having an

orifice which terminates at an external wall of the sensor body and at least one measurement element disposed in the orifice and which extends to the external wall of the sensor body comprising the step of reducing the cross section of the orifice for firmly clamping the measurement element in the sensor body.

Claim 15 (new): A method for producing an apparatus for the measurement of the temperature of a mold wall of an injection mold wherein the apparatus comprises a sensor body having an orifice which terminates at an external wall of the sensor body and at least one measurement element disposed in the orifice and which extends to the external wall of the sensor body comprising the step of

providing a crimping sleeve with an equalizing line adjacent to the sensor body wherein the at least one measurement element passes through a passage in the crimping sleeve, at least partially reducing an internal area of the passage in the crimping sleeve for fixing the equalizing line and the at least one measurement element.

Claim 16 (new): A method for producing an apparatus for the measurement of the temperature of a mold wall of an injection mold wherein the apparatus comprises a sensor body having an orifice which terminates at an external wall of the sensor body and at least one measurement element disposed in the orifice and which extends to the external wall of the sensor body comprising the step of

grinding off any portion of the at least one measurement element which extends beyond the external wall of the sensor body.

Claim 17 (new): A method for producing an apparatus for the measurement of the temperature of a mold wall of an injection mold wherein the apparatus comprises a sensor body having an orifice which terminates at an external wall of the sensor body and at least one measurement element disposed in the orifice and which extends to the external wall of the sensor body comprising the step of

coating any portion of the at least one measurement element which extends beyond the external wall of the sensor body with a weld or solder droplet and thereafter grinding off the portion.